

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking **Product identifier** 1.1. Abrasive Flap Disc - Glass Fibre Backed (Tiger X, Tiger, Tiger Paw, V Pro, Big Cat, V Pro HD, Product name Tiger Paw XHD, Anchor, Cyclone, Cyclone X treme, , Ace, B Line, Blue Kote, Deere, Mikita) Relevant identified uses of the substance or mixture and uses advised against 1.2. Use of the substance/mixture : Manufacturing Details of the supplier of the safety data sheet 1.3. Weiler Corporation 1 Weiler Drive Cresco, PA 18326 1.4. **Emergency telephone number** Emergency number : 570-595-7495 **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

This product as manufactured is defined as an article per 29 CFR 1910.1200. No exposure hazards are anticipated during normal product handling conditions. In most cases, the material(s) removed from the workpiece may present a greater hazard than material released by the product. Based upon the materials that are contained within the working portion of this product it is possible that some dust particles from this product may be generated. The following safety data is presented for potential exposure hazards as associated with the dust particles that are related to this product.

#### Classification (GHS-US)

Not classified

### 2.2. Label elements

### GHS-US labeling

This product as manufactured is defined as an article, therefore no labeling is required for the product as manufactured.

# 2.3. Other hazards No additional information available 2.4. Unknown acute toxicity (GHS-US)

Not applicable

### **SECTION 3: Composition/information on ingredients**

### 3.1. Substance

Not applicable

Safety Data Sheet

### 3.2. Mixture

The product could contain all or some of the following ingredients.

| Name                   | Product identifier  | %       | Classification (GHS-US)   |
|------------------------|---------------------|---------|---|
| Glass Fibre backing    | None                | 45 - 55 | Not classified  |
| Aluminum oxide         | (CAS No) 1344-28-1  | 15 - 25 | Not classified  |
| Zirconium              | (CAS No) 7440-67-7  | 3 - 13  | Not classified  |
| Cryolite               | (CAS No) 13775-53-6 | 1 - 15  | Acute Toxin 4, H332<br>STOT wdh. 1, H372<br>Acute Toxin 4, H302<br>Aqu. Chron., H411  |
| Potassium fluoroborate | (CAS No) 14075-53-7 | 1 - 15  | Eye Irrit. 2A, H319   |
| Epoxy Resin            | None                | 5       | Not classified  |
| Silica                 | (CAS No) 7631-86-9  | < 2     | Not classified  |
| Formaldehyde           | (CAS No) 50-00-0    | < 0.1   | Carc 1B, H350<br>Acute Toxin 3, H301<br>Acute Toxin 3, H311<br>Acute Toxin 3, H331<br>Skin Corr. 1B, H314<br>Skin Sens. 1, H317 |

### Full text of H-phrases: see section 16

| CECTION 4. Einst sid massures             |   |  |
|---|---|--|
| SECTION 4: First aid measures             |   |  |
| 4.1. Description of first aid measures    |   |  |
| First-aid measures after inhalation       | : Remove victim from source of exposure to fresh air. If breathing is difficult administer oxygen.<br>Seek medical attention. |  |
| First-aid measures after skin contact     | : Wash with soap and water. Seek medical advice if skin irritation develops or persists.                                      |  |
| First-aid measures after eye contact      | : Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists.                 |  |
| First-aid measures after ingestion        | : Seek medical attention.   |  |
| 4.2. Most important symptoms and effect   | s, both acute and delayed   |  |
| Symptoms/injuries after inhalation        | : Dusts may cause coughing, shortness of breath. Prolonged breathing of dusts may affect breathing capacity.                  |  |
| Symptoms/injuries after skin contact      | : Dusts may cause irritation. May cause abrasions.  |  |
| Symptoms/injuries after eye contact       | : Dust may irritate or damage the eyes without protection.  |  |
| Symptoms/injuries after ingestion         | : None under normal use.  |  |
| 4.3. Indication of any immediate medical  | attention and special treatment needed  |  |
| No additional information available       |   |  |
| SECTION 5: Firefighting measures          |   |  |
| 5.1. Extinguishing media                  |   |  |
| Suitable extinguishing media              | : Use water, carbon dioxide, foam or dry chemical.  |  |
|   | : None.   |  |
| 5.2. Special hazards arising from the sub | stance or mixture   |  |
| Fire hazard                               | : None known.   |  |
| Explosion hazard                          | : None known.   |  |
| 5.3. Advice for firefighters              |   |  |
|   | : Firefighters should wear full protective gear.  |  |
| Protection during firefighting            |   |  |
| <b>SECTION 6: Accidental release meas</b> | ures  |  |
| 6.1. Personal precautions, protective equ | ipment and emergency procedures   |  |
| 6.1.1. For non-emergency personnel        |   |  |
| No additional information available       |   |  |
|   |   |  |

### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

09/04/2018

Safety Data Sheet

| 6.3. Methods and mater   | ial for containment and cleaning up                    |  |  |
|--|--|--|--|
| For containment : No special measures required.                        |  |  |  |
| Methods for cleaning up  | ethods for cleaning up : No special measures required. |  |  |
| 6.4. Reference to other  | sections   |  |  |
| No additional information availa                                       | able   |  |  |
| <b>SECTION 7: Handling a</b>   | ind storage  |  |  |
| 7.1. Precautions for safe  | e handling   |  |  |
| Precautions for safe handling  | : Handle with care, avoid impact.                      |  |  |
| 7.2. Conditions for safe   | storage, including any incompatibilities               |  |  |
| Storage conditions : Store dry at 20° C +/- 20 °C; 55-60% air humidity |  |  |  |
| 7.3. Specific end use(s)   |  |  |  |
| No additional information availa                                       | able   |  |  |
| SECTION 8: Exposure of   | controls/personal protection                           |  |  |
| 8.1. Control parameters  |  |  |  |
| Aluminum oxide (1344-28-1  | )  |  |  |
| ACGIH  | Not applicable   | Not applicable   |  |
| OSHA   | OSHA PEL (TWA) (mg/m <sup>3</sup> )                    | 15 mg/m <sup>3</sup> (total dust)<br>5 mg/m <sup>3</sup> (respirable fraction) |  |
| Zirconium (7440-67-7)  |  |  |  |
| ACGIH  | ACGIH TWA (mg/m³)                                      | 5 mg/m <sup>3</sup>  |  |
| ACGIH  | ACGIH STEL (mg/m <sup>3</sup> )                        | 10 mg/m <sup>3</sup>   |  |
| OSHA   | Not applicable   |  |  |
|  |  |  |  |
| Silica (7631-86-9)   |  |  |  |
| IDLH   | US IDLH (mg/m <sup>3</sup> )                           | 3000 mg/m <sup>3</sup>   |  |
| NIOSH  | NIOSH REL (TWA) (mg/m <sup>3</sup> )                   | 6 mg/m³  |  |
|  |  |  |  |
| Formaldehyde (50-00-0)<br>ACGIH  | ACGIH TWA (mg/m <sup>3</sup> )                         | TWA: 0.1 mg/m <sup>3</sup>   |  |
|  |  | STEL: 0.3 mg/m <sup>3</sup>  |  |
| OSHA   | OSHA PEL (TWA) (mg/m <sup>3</sup> )                    | TWA: 0.75 mg/m <sup>3</sup>  |  |
| USHA   |  | STEL: 2 mg/m <sup>3</sup>  |  |
| NIOSH  | NIOSH REL (TWA) (mg/m <sup>3</sup> )                   | TWA: 0.016 mg/m <sup>3</sup>   |  |
|  |  |  |  |

Note: Consideration should be given to the base material and coating that are being worked upon.

Safety Data Sheet

### 8.2. Exposure controls

#### Appropriate engineering controls:

Utilize adequate ventilation to minimize the exposure to airborne particulates and maintain the concentration of contaminants below the occupational exposure limits.

### **Respiratory Protection:**

When exposure limits are exceeded or when the dust concentrations are excessive, approved respirators for those conditions should be used. When selecting the respiratory protection equipment, consideration of the exposure to the coating or the base materials being worked on should be included. Local regulations and standards should be followed where appropriate. The type of respiratory equipment used should be selected according to the contaminate type, form and concentration being produced. Select and use respirators in accordance with applicable regulations and good industrial hygiene practice.

### Hand protection:

The use of cloth or leather gloves is recommended.

#### Eye Protection:

Safety googles or face shield over safety glasses with side shields.

#### Hearing Protection:

Hearing protection may be required.

#### Skin and body protection:

The use of protective clothing should be used as needed to prevent the contamination of personal clothing.

| SECTION 9: Physical and chemical properties                |   |  |
|--|---|--|
| 9.1. Information on basic physical and chemical properties |   |  |
| Physical state   | : Solid   |  |
| Appearance   | Fiberglass disc coated with flaps of abrasive cloth |  |
| Color  | : Varies  |  |
| Odor   | : Odorless  |  |
| Odor threshold   | : No data available                                 |  |
| рН   | : No data available                                 |  |
| Melting point  | : No data available                                 |  |
| Freezing point   | : No data available                                 |  |
| Boiling point  | : No data available                                 |  |
| Flash point  | : No data available                                 |  |
| Relative evaporation rate (butyl acetate=1)                | : No data available                                 |  |
| Flammability (solid, gas)                                  | : No data available                                 |  |
| Explosion limits   | : No data available                                 |  |
| Explosive properties                                       | : No data available                                 |  |
| Oxidizing properties                                       | : No data available                                 |  |
| Vapor pressure   | : No data available                                 |  |
| Specific gravity   | : No data available                                 |  |
| Relative vapor density at 20 °C                            | : No data available                                 |  |
| Solubility   | : Paper label is slightly soluble                   |  |
| Log Pow  | : No data available                                 |  |
| Log Kow  | : No data available                                 |  |
| Auto-ignition temperature                                  | : No data available                                 |  |
| Decomposition temperature                                  | : No data available                                 |  |
| Viscosity  | : No data available                                 |  |
| Viscosity, kinematic                                       | : No data available                                 |  |
| Viscosity, dynamic   | : No data available                                 |  |
| 9.2. Other information                                     |   |  |
| No additional information available                        |   |  |
| SECTION 10: Stability and reactivity                       | /   |  |
| 10.4 Departivity   |   |  |

### 10.1. Reactivity

No additional information available

Safety Data Sheet

| 10.2.              | Chemical stability   |  |
|--------------------|--|--|
| The proc           | luct is stable at normal handling and storage                    | ge conditions.                                     |
| 10.3.              | Possibility of hazardous reactions                               |  |
| Will not o         | occur.   |  |
| 10.4.              | Conditions to avoid  |  |
| None.              |  |  |
| 10.5.              | Incompatible materials   |  |
| None.              |  |  |
|                    | Herevelous decomposition products                                |  |
| <b>10.6.</b>       | Hazardous decomposition products se, grinding dust is generated. |  |
| -                  |  |  |
|                    | ON 11: Toxicological informatio                                  | n  |
| 11.1.              | Information on toxicological effects                             |  |
|                    |  |  |
| Acute to:          | kicity :   | Not classified                                     |
| Alumin             | um oxide (1344-28-1)   |  |
| LD50 o             | ral rat  | > 5000 mg/kg                                       |
| Forma              | dehyde (50-00-0)   |  |
| LD50 o             |  | 50 g/kg  |
| LD50 d             | ermal rabbit   | 250 mg/kg  |
| LC50 ir            | halation rat   | 0.578 mg/l/4h                                      |
| Skin corr          | osion/irritation :   | Not classified                                     |
| Serious e          | eye damage/irritation :  | Not classified                                     |
| Respirate          | ory or skin sensitization :                                      | Not classified                                     |
| Germ ce            | Il mutagenicity :  | Not classified                                     |
| Carcinog           | enicity :  | Not classified                                     |
|                    |  |  |
|                    | ·····  | Not classified                                     |
| Specific           | arget organ toxicity (single exposure) :                         | Not classified                                     |
| Specific texposure | 9 · · · 9 · · · · · · · · · · · · · · ·                          | Not classified                                     |
| слровите           |  |  |
| Aspiratio          | n hazard :   | Not classified                                     |
|                    |  |  |
| SECTI              | ON 12: Ecological information                                    |  |
| 12.1.              | Toxicity   |  |
| No additi          | onal information available                                       |  |
| 12.2.              | Persistence and degradability                                    |  |
| No additi          | onal information available                                       |  |
| 10.0               | Discounterfactor   |  |
| 12.3.              | Bioaccumulative potential<br>onal information available          |  |
| NO addit           |  |  |
| 12.4.              | Mobility in soil   |  |
| No additi          | onal information available                                       |  |
|                    |  |  |
| 12.5.              | Other adverse effects  |  |
| Effect on          | ozone layer :  | No additional information available                |
| Effect on          | the global warming :   | No known ecological damage caused by this product. |
|                    | Э. Э. Э.   |  |

Safety Data Sheet

| <b>SECTION 13: Disp</b>   | osal considerations  |   |   |                                     |
|---|--|---|---|-------------------------------------|
| 13.1. Waste treatm  | ent methods  |   |   |                                     |
| Waste disposal recomm   | endations : Dispos<br>regulat  | e of contents/container in accor<br>ions.                                 | dance with local/regional/natior  | nal/international                   |
| <b>SECTION 14: Tran</b>   | sport information  |   |   |                                     |
| Department of Transpo   | ortation (DOT)   |   |   |                                     |
| In accordance with DOT  |  |   |   |                                     |
|   | sense of transport regulations   |   |   |                                     |
| SECTION 15: Requ  | latory information   |   |   |                                     |
| 15.1. US Federal regula   |  |   |   |                                     |
| Aluminum oxide (134   | 4-28-1)  |   |   |                                     |
|   | Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Listed on SARA Section 313 (Specific toxic chemical listings) |   |   |                                     |
|   | SARA Section 313 - Emission Reporting 1.0 % (fibrous forms)  |   |   |                                     |
| Zirconium (7440-67-7  | Zirconium (7440-67-7)  |   |   |                                     |
| Listed on the United St   | Listed on the United States TSCA (Toxic Substances Control Act) inventory  |   |   |                                     |
| Silica (7631-86-9)  |  |   |   |                                     |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |   |   |                                     |
|   |  |   |   |                                     |
| 15.2. US State regulation   | ons  |   |   |                                     |
| Aluminum oxide (134   | 4-28-1)  |   |   |                                     |
| , , , , , , , , , , , , , , , , , , ,                                     |  | List  |   |                                     |
|   | , ,  |   |   |                                     |
|   |  | List  |   |                                     |
| Silica (7631-86-9)  |  |   |   |                                     |
| U.S California -<br>Proposition 65 -<br>Carcinogens List                  | U.S California -<br>Proposition 65 -<br>Developmental Toxicity   | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Female | U.S California -<br>Proposition 65 -<br>Reproductive Toxicity -<br>Male | No significant risk<br>level (NSRL) |
| Yes   | No   | No  | No  |                                     |
| Formaldehyde (50-00   | -0)  |   |   |                                     |
| U.S California -<br>Proposition 65 -                                      | U.S California -<br>Proposition 65 -   | U.S California -<br>Proposition 65 -                                      | U.S California -<br>Proposition 65 -                                    | No significant risk level (NSRL)    |

Reproductive Toxicity -

Female

No

Reproductive Toxicity -

Male No

Carcinogens List

Yes

Developmental Toxicity

No

Safety Data Sheet

### **SECTION 16: Other information**

| xt of H-phrases:: |   |  |
|-------------------|---|--|
| H302              | Harmful if swallowed.   |  |
| H319              | Causes serious eye irritation.  |  |
| H332              | Harmful if inhaled.   |  |
| H372              | Causes damage to organs through prolonged or repeated exposure<br>Target organs: lungs, skeleton. |  |
| H411              | Toxic to aquatic life with long lasting effects.  |  |
| H350              | May cause cancer  |  |
| H301              | Toxic if swallowed  |  |
| H311              | Toxic in contact with skin  |  |
| H331              | Toxic if inhaled  |  |
| H314              | Causes severe skin burns and eye damage   |  |
| H317              | May cause an allergic skin reaction   |  |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product